

Claims

- [c1] A method of saving and restoring an application for an imaging system comprising:
loading a developing environment;
loading or generating an initial application for the imaging system in said developing environment;
modifying said initial application to generate an updated application;
saving component and link modifications between said initial application and said updated application; then
storing said updated application with said modifications in a tag file;
selecting said tag file; and
restoring said updated application according to said tag file.
- [c2] A method as in claim 1 wherein said component and link modifications are saved in response to enactment of said modifications.
- [c3] A method as in claim 1 wherein said component and link modifications are saved in response to an inputted request.

- [c4] A method as in claim 1 wherein said initial application is loaded and generated in said developing environment.
- [c5] A method as in claim 1 wherein saving said changes comprises saving latest changes that are different from initial default values.
- [c6] A method as in claim 1 wherein saving said updated application with said changes comprises saving latest changes in a text file.
- [c7] A method as in claim 6 wherein said text file is modified external to said developing environment.
- [c8] A method as in claim 1 further comprising modifying said tag file to create a newly updated application.
- [c9] A method as in claim 1 wherein said changes between said initial application and said updated application are saved upon modification thereof.
- [c10] A method as in claim 1 wherein saving changes between said initial application and said updated application are performed for components having a latest component state that is different than an initial component state.
- [c11] A method as in claim 1 wherein saving changes between said initial application and said updated application are performed for latest component values.

[c12] A method as in claim 1 wherein saving changes between said initial application and said updated application are performed for components having updated values that are different from corresponding default values.

[c13] An application save and restore system for an imaging system comprising:
an application component list having a plurality of available components configured for the imaging system;
an application component organizational chart corresponding to a current application and having one or more application components from said plurality of available components;
a plurality of modification inputs receiving a plurality of modification signals;
a developer interface modifying said application components and corresponding linking information in response to said modification signals;
said developer interface storing latest development modifications for said application components in an application modification list in response to modification of said application components;
a tag file generator generating and storing a tag file of an updated application with said component modifications and corresponding component linking information;
and

an application loader restoring said updated application according to said tag file.

- [c14] A tool as in claim 13 wherein said developer interface in modifying said application components performs a modification selected from at least one of changing an existing application component, adding an application component to said application component organizational chart, removing an application component from said application component organizational chart, modifying linking information between said application components, and changing position of an application component.
- [c15] A tool as in claim 13 wherein said tag file generator in storing a tag file stores a text file.
- [c16] A tool as in claim 13 wherein said developer interface is continuously storing said latest development application modifications upon enactment of said modifications.
- [c17] A tool as in claim 13 wherein said developer interface modifies said updated development application after said application loader restores said updated application.
- [c18] A tool as in claim 13 further comprising a custom property editor generating a custom value and said developer interface storing said custom value.

- [c19] A tool as in claim 18 wherein said application loader when restoring said updated application resets a property corresponding to said custom value.
- [c20] A system as in claim 13 wherein said tag file generator in storing a tag file of an updated application stores general multiversion identifiers associated with said application components.
- [c21] An application save and restore system for an imaging system comprising:
a modification interface generating modification signals to update a current application of the imaging system;
a memory device storing latest application modifications and linking information for a plurality of current application components;
a first controller coupled to said modification interface and said memory device and receiving said modification signals, continuously storing said latest application modifications, and generating and storing a tag file having said application with said modifications and linking information; and
a second controller restoring said updated application according to said tag file.
- [c22] A system as in claim 21 wherein said first controller

modifies said current development application by adding and removing components to and from said current application in response to said modification signals.

[c23] A system as in claim 21 wherein said controller modifies a current application in a text file external to a developing environment.

[c24] A system as in claim 21 wherein said second controller is coupled to and controls operation of the imaging system.

[c25] A system as in claim 21 wherein said first controller accesses said tag file via a network.

[c26] A system as in claim 21 wherein said second controller accesses said tag file via a network.

[c27] A system as in claim 21 wherein said first controller and said second controller are integrally formed as a single controller.

[c28] A system as in claim 21 wherein an application component list is accessible to said first controller and is inaccessible to said second controller.